

Supplemental Information Sheet for Poultry Applications

In addition to general application forms, several items are needed to adequately evaluate an application for poultry operations. These items include, but are not limited to:

1. A cover letter giving a brief description of the expansion, replacement, or construction proposal and what action is being requested from the (construction, amendment, revision, renewal). Please include a summary of the type of operation (egg laying, pullet, or broiler operation), method of manure handling (wet or dry) and identify any previous contact with the regarding this proposal. This letter should also indicate where copies of the application are being sent.
2. A complete history of the operation indicating dates and descriptions of original construction, ownership changes, and expansion projects. Discuss any dust, odor or fly problems encountered with neighbors or the and how they were resolved, see the Compliance History instructions attached to Form PI-1, "General Application."
3. What is the maximum number of birds to be confined at this facility? List each house and the number of birds per house.
4. If a dry manure handling system is utilized, describe in detail the design of the houses and how the manure is collected and stored. Will it be maintained dry, protected from the weather at all times? Is the manure collected under the cages or conveyed to an alternate storage site? What is the method and schedule for removal of manure? Discuss any maintenance schedules for scraper systems, repair of water leaks, and the use of lime to control moisture problems. Discuss proposed areas and methods for stockpiling manure.
5. if a wet manure handling system is utilized, describe in detail the design of the houses and methods for collecting and flushing waste, identify the dimensions and capacity of any undercage pits and the frequency for flushing each house. Will the pits be partially re-filled with fresh water after flushing occurs? What is the source of flush water? Will there be any scrape assist systems?
6. For operations with wet manure handling, describe in detail the flow of waste water. This should include a commitment to install a waste storage/treatment system that represents Best Available Control Technology (BACT). This has been determined to include separation of solids from the waste stream and a well designed two stage lagoon system or any alternate systems with equal or greater odor reducing potential. The primary lagoon should be maintained at constant level and designed for proper treatment of waste water and a secondary lagoon would be utilized for overflow, irrigation and flush water.
7. Calculate the volatile solids loading rate and the hydraulic retention time for each lagoon. Identify all assumptions and the reference for the assumptions.
8. Propose a schedule for removing solids from the lagoons. The schedules should be based on the time required to keep solids accumulation from exceeding 50% of the original working volume for each lagoon based on accumulation of solids from rain runoff and from flushing. Please submit calculations and references for determining schedules.
9. Describe in detail the operation and design of the solid separator device/basin. Settling

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basins should include a double compartment, free draining design. Propose a frequency for removal of solids that will minimize odors and allow for proper operation of the basin.

10. A plot plan (with an approximate scale) identifying the property line and all on-site structures, ponds, and stockpile areas. For expansion projects, please identify all structures as existing or proposed.
11. A plot plan showing the proposed acreage for application of manure and irrigation effluent.
12. The methods for disposing of manure and effluent. If there is a time lag between the cleaning and disposing of manure and lagoon sludge, please identify the proposed storage areas and the maximum time for storage.
13. A proposal for controlling dust on all in-plant roads.
14. A proposal for disposing of dead birds. Please include the disposal method(s) and frequency.
16. A detailed description of the proposed feed handling system. Refer to the sheet entitled "Supplemental Information Sheet for Grain Elevators/Feed Mills" for more information.
17. A county map with the proposed location clearly marked. If needed, provide additional instructions for locating the proposed site by vehicle.
18. An area land use map. This map should identify the property line, the daily odor sources (pens and lagoons) and the distance and direction to any residences, animal confinement operations, businesses or occupied structures within a 2-mile radius of the daily odor sources. include a north arrow and an approximate scale.
19. A summary of the number of structures located within the 2-mile radius surrounding dairy. The summary should include the number of occupied structures within a 1/4-mile, 1/2-mile, 3/4-mile, 1-mile, 1 1/2-mile, and 2-mile radius. Indicate which, if any, of the structures are associated with the dairy operation.
20. The prevailing wind patterns for the proposed location. Please submit the wind rose data selected and used with the application. If requested, the Austin Office of the can provide wind rose data for the different areas around the state.
21. The capital cost of the proposed operation or the proposed expansion (Not required for renewal applications). A breakdown of the items to be included and methods for determining the application fee are listed on Table 30.
22. Application Fee. A minimum fee of \$450.00 is required for all construction and amendment

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applications. This fee is based on the capital cost of the proposed project and should include all expenses except for the acquisition of the land and the cost of the animals. The application fee is 0.15% of this capital cost with a minimum fee of \$450.00 (See Item 18 above). A minimum fee of \$300.00 is required for all renewal applications. This fee is based on the permitted allowable emission rates negotiated in the renewal process. The application fee should be mailed to the Austin office with the application.

23. A Certificate of Good Standing from the Comptroller's Office for incorporated facilities (Not required for renewals, amendments, or revisions), The Comptroller's Office (phone # 1-800-252-1386) can provide a statement of exemption for corporations exempt from paying a franchise tax. Facilities not incorporated should supply a statement identifying their capital structure (sole proprietorship, partnership).
24. Copies of all supplemental information sheets and references should be submitted with the application.

It may prove helpful in contacting the Texas Agricultural Extension Service for manure production data and other material related to poultry operations. All maintenance schedules and proposed waste handling systems should incorporate design parameters for odor control, as well as meet all other regulatory requirements (Water Rules and Regulations, Texas Department of Health).

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The attached general application and application forms should be completed and mailed with the information requested above to the Austin Office, the appropriate regional office of the and to any city or county air programs with jurisdiction over the area of the proposed operation. There is also an example of special conditions which has been included and made part of poultry permits issued in the past.